**Indicator 3.02 Apply Properties Associated with the Controls
How To Walkthrough**

1. Open a new Project (use one of the methods below). Save it as Hello.
	* File 🡪 New Project
	* New Projects Window from Start page 🡪 Create Project
	* Click the New Project  button on toolbar
2. Add the following Controls from your Toolbox
	* Button
		+ Change the Properties
			- (Name) – btnHello
			- Text – Hello
	* Label
		+ Change the Properties
			- (Name) – lblMessage
			- Text – *empty* (clears out all text—don’t actually enter the word *empty*)
3. Go to your Code Editor window *(you can skip to the step 4, if you like since the text below simply shows you how you can access the code view)*
	* View menu 🡪 View Code
	* Right-click 🡪 View Code
	* Solution Explorer window 🡪 Select View Code button
4. Create a button click event for your btnHello
	* In the Design window
		+ Double-click on the button
	* In the Code Editor window
		+ Select the button from the Class Name List (
			- Click on the drop-down button to see all control objects to select the button.
		+ Select the Click method from the Method Name List.
			- Click on the drop-down button to see all methods associated with the control object you chose.
5. Add the code to display the message “Hello” in the lblMessage label
	* Type:
	 lblMessage.Text = “Hello”
	* Note
		+ The statement tells the compiler to put the string “Hello” into the Text property of the lblMessage control object.
		+ Your string must be in the double quotation marks.
6. Add a GroupBox
	* From the Toolbox, in the Containers section, Click on the GroupBox control object.
	* Click on the form and “draw” your groupbox.
	* Change the Properties
		+ (Name) – grpChoices
		+ Text – Language Hello
7. Add the following RadioButtons
	* Click on the RadioButton control
	* Click in the GroupBox grpChoices
	* Change the Properties
		+ (Name) – radEnglish
		+ Text – English
	* Repeat the process to add two new RadioButtons
		+ radFrench
			- (Name) – radFrench
			- Text – French
		+ radGerman
			- (Name) – radGerman
			- Text – German
8. Add the following messages in Click events for each.
	* In the Design window
		+ Double-click on the RadioButton
	* In the Code Editor window
		+ Select the RadioButton from the Class Name List (
			- Click on the drop-down button to see all control objects to select the button.
		+ Select the CheckChanged method from the Method Name List.
			- Click on the drop-down button to see all methods associated with the control object you chose.
	* radEnglish
	 lblMessage.Text = “Hello”
	* radFrench
	 lblMessage.Text = “Bonjour”
	* radGerman
	 lblMessage.Text = “Guten Tag”
9. Add another GroupBox
	* From the Toolbox, in the Containers section, Click on the GroupBox control object.
	* Click on the form and “draw” your groupbox.
	* Change the Properties
		+ (Name) – grpChoices2
		+ Text – Language Goodbye
10. Add the following Checkboxes
	* Click on the Checkbox control
	* Click in the Checkbox grpChoices2
	* Change the Properties
		+ (Name) – chkEnglish
		+ Text – English
	* Repeat the process to add two new Checkboxes
		+ chkFrench
			- (Name) – chkFrench
			- Text – French
		+ chkGerman
			- (Name) – chkGerman
			- Text – German
11. Add the following messages in Click events for each.
	* In the Design window
		+ Double-click on the Checkbox
	* In the Code Editor window
		+ Select the Checkbox from the Class Name List (
			- Click on the drop-down button to see all control objects to select the button.
		+ Select the CheckChanged method from the Method Name List.
			- Click on the drop-down button to see all methods associated with the control object you chose.
	* chkEnglish
	 lblMessage.Text = “Goodbye”
	* chkFrench
	 lblMessage.Text = “Au Revoir”
	* chkGerman
	 lblMessage.Text = “Auf wiedersehen”
12. You could have the messages “concatenate” or merge by using the following
	* By merging, as you select the checkboxes, they will add text to the existing text in the label instead of replacing the existing text.
	* lblMessage.Text **&=** “Goodbye”